

Peter Lee

portfolio www.peterlee.tech

contact
peter.lee@berkeley.edu
(806) 789-5268

Skills

Languages

Java, Python, C/C++, Javascript, HTML, CSS, LaTeX

Frameworks

Meteor, MEAN stack, Bootstrap, jQuery, Sass, Materialize

Project Workflow

Gulp + Browsersync, NPM, Bower, Github, Heroku

Operating Systems

Linux, Windows

Design

Adobe Photoshop, Adobe Illustrator

Projects

Interactive Competitive Programming Notebook, www.peterlee.tech/algorithms

December 2015 – Present

Materialize, Sass, jQuery, C++, Java

- Created an online interactive collection of famous algorithms in computer science as a reference for competitive programming contests

Frontend Boilerplate, www.peterlee.tech/FrontendBoilerplate

July 2016

Bootstrap, jQuery, Sass, Gulp + Browsersync

- Created a starter project for a highly customizable, modern frontend web project
- Compiled advanced frontend features including parallax and scroll animations

Yelp Maps, www.github.com/petr-lee/YelpMaps

November 2015

Python

- Built a program in Python that retrieves data from the Yelp academic dataset and displays a visualization of restaurant ratings using machine learning
- Implemented regions that are highlighted based on restaurant quality and density
- Created a generator that displays a Voronoi diagram using k-means clustering algorithm

Bear Maps, www.github.com/petr-lee/BearMaps

February 2016

Java

- Created a clone of Google Maps using the JavaFX library and advanced data structures including a QuadTree and Trie
- Implemented data retrieval from a set of images of the Berkeley region that displays corresponding images based on zoom level and location

Experience

Hack In, www.hackin.io

June 2016 – July 2016

Co-founder and Chief Technology Officer

- Built a recruiting platform for tech companies to assess software development applicants through an integrated technical assessment
- Created an online platform using Meteor.js and MongoDB with 5000 lines of code in 3 weeks for the beta release
- Implemented server-side compilers to rank applicants using automated software development evaluation

CS61B

August 2016 – Present

Lab Assistant

- Instructed students during lab and office hours on basic practices in software development and understanding of fundamental data structures and algorithms in CS theory

Activities

United Nations Refugee Agency at Cal, unrac.berkeley.edu

September 2015 – Present

Lead Web Developer

- Created the website for an organization that is dedicated to raising awareness for the Syrian Refugee Crisis
- Designed online recruitment process for potential members

Alary Language, www.alarylanguange.club

July 2016 – Present

Director of Technology

- Created the website for an organization that connects language learning students and fostering a personal learning experience through companionship
- Managed the application structure and lesson plans for multiple languages

Computer Science Mentors

August 2016 – Present

Mentor

- Taught a group of computer science students fundamental concepts of data structures, software development, and algorithms
- Created lesson plans and review sheets to improve general problem solving skills and prepare students for exams

University Symphony Orchestra

August 2015 – May 2016

Cellist

- Performed at sectionals, concerts, and rehearsals 7 hours each week to practice classical symphonies by Tchaikovsky, Dvorak, and Mendelssohn as well as modern compositions by guest composers